

R E P O R T R E S U M E S

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MINIMUM AREAS FOR ELEMENTARY SCHOOL BUILDING FACILITIES.

PENNSYLVANIA STATE DEPT. OF PUBLIC INSTRUCTION

REPORT NUMBER BBC-435-REV-1-66

PUB DATE JAN 66

EDRS PRICE MF-\$0.25 HC-\$0.16 2P.

DESCRIPTORS- *DESIGN NEEDS, *ELEMENTARY SCHOOLS, *ENROLLMENT PROJECTIONS, *FACILITY GUIDELINES, *SPACE UTILIZATION, PHYSICAL FACILITIES, SCHOOL PLANNING,

MINIMUM AREA SPACE REQUIREMENTS IN SQUARE FOOTAGE FOR ELEMENTARY SCHOOL BUILDING FACILITIES ARE PRESENTED, INCLUDING FACILITIES FOR INSTRUCTIONAL USE, GENERAL USE, AND SERVICE USE. LIBRARY, CAFETERIA, KITCHEN, STORAGE, AND MULTIPURPOSE ROOMS SHOULD BE SIZED FOR THE PROJECTED ENROLLMENT OF THE BUILDING IN ACCORDANCE WITH THE PROJECTION UNDER THE LONG RANGE DEVELOPMENTAL PROGRAM. (RK)

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EX 000957

Commonwealth of Pennsylvania
DEPARTMENT OF PUBLIC INSTRUCTION
Bureau of Building Construction
Harrisburg 17126

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
OFFICE OF EDUCATION

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MINIMUM AREAS FOR ELEMENTARY SCHOOL BUILDING FACILITIES

FACILITIES: () = Optional

INSTRUCTIONAL USE

- | | |
|--|-------------------|
| 1. Classrooms | 850 sq. ft. |
| 2. Special Education Room
Approximately 5% of elementary pupils
will need special education services.
Facilities should provide for the different
types of handicaps to be served; physically
handicapped, blind, deaf or hard of hearing,
day care, mentally retarded, etc. | 850 sq. ft. |
| 3. Kindergarten Room () | 900 sq. ft. |
| 4. Arts and Crafts () | 1000 sq. ft. |
| 5. Music () | 1000 sq. ft. |
| 6. Music Instrument Practice and Storage Room () | 425 sq. ft. |
| 7. Large Group Instruction Area () | 1200-1500 sq. ft. |
| 8. Seminar Room ()
Items 4, 5, 7, 8: Optional if building contains
minimum of 12 regular classrooms, exclusive of
kindergarten and special education. | 425 sq. ft. |

GENERAL USE

- | | | |
|----------------------------|--------------------------|-----------------------|
| 9. Library * | Up to 12 classrooms | 850-1000 sq. ft. |
| | 12 to 18 classrooms | 1000-1500 sq. ft. |
| | Over 18 classrooms | 1500-2000 sq.ft. |
| 10. Multipurpose Room * | Ceiling height - 16' | |
| | <u>Stage or Platform</u> | |
| a. 6 classrooms (optional) | 12' - 15' Depth | 1500 sq. ft. |
| b. 7 to 12 classrooms | 15' - 18' Depth | 1500-1800 sq. ft. |
| c. 12 to 18 classrooms | 15' - 18' Depth | 1800-2400 sq. ft. |
| d. Over 18 classrooms | ----- | 2400-3000 sq. ft. (1) |

The chair and equipment storage area should not exceed 1/5 of the "free" floor area.

- (1) May have folding partition to provide two-teacher stations for gym classes. Stage or platform should be placed adjacent to Cafeteria for maximum utilization of multipurpose or gymnasium area.

11. Kitchen and Storage *

The area recommended is exclusive of toilet and dressing room for help, which should not exceed 1/5 of the "free" space allocated to the main working area.

3 sq. ft.
per pupil
served

Buildings served from a central kitchen may provide a serving kitchen of 425 sq. ft.; if dishwashing facilities are desired, necessary additional space may be provided.

12. Locker and Shower Room ()

As required

13. Cafeteria *

As a separate area in buildings of 18 regular classrooms, exclusive of kindergarten and special education.

10 sq. ft.
per pupil
based on 3
servings

14. Faculty Room

Up to 12 classrooms
Over 12 classrooms

425 sq. ft.
425 sq. ft.
(Includes toilet rooms)

15. Health Room

Up to 12 classrooms
12 to 18 classrooms
Over 18 classrooms

425 sq. ft.
425 sq. ft.
850 sq. ft.

16. Principal's Office, Clerk, Itinerant Staff, Waiting Area, Conference Room

Maximum for buildings of 12 classrooms or less
Maximum for buildings over 12 classrooms

850 sq. ft.
1275 sq. ft.

17. Swimming Pool ()

May be scheduled if no pool exists in administrative unit or if pool will serve only elementary pupils within the administrative unit.

6000 sq. ft.

* These specialized facilities shall be sized for the projected enrollment of the building in accordance with the projection under the Long Range Developmental Program.

Five percent deviation from scheduled areas shall be permitted. This is not to be interpreted as an across the board reduction or increase of space allocations, but is intended to provide for adjustments in plan development.

Size of instructional areas represents free floor space.

SERVICE USE

18. Classroom storage, wardrobes, work alcoves

As required

19. General storage, book storage

As required

20. Toilet rooms, janitor room, boiler room, incinerator room, electrical room, fuel storage area, slop sinks

As required

21. Storage for maintenance equipment and supplies, and storage for equipment and supplies for care of property and grounds.

As required